



6390 Philips Highway
Jacksonville, FL 32216
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SPECIFICATION DATA SHEET

Date: 10/20/09 rev. Drawn by: M.D.C.

MODEL No. 3400-DS

CENTER TAPER TAKEOFF with GASKET FLANGE
and MANUAL VOLUME DAMPER with DAMPER
HANDLE STANDOFF

DIMENSIONAL DATA

DIAMETER	RECT. OPENING	HEIGHT
4"	8" x 6"	11 1/2"
5"	10" x 6"	10 1/2"
6"	12" x 6"	10 1/2"
7"	12" x 6"	11 1/2"
8"	12" x 6"	10 1/2"
9"	15" x 6"	12 1/2"
10"	16" x 6 3/4"	12"
12"	18" x 8 1/2"	12"
14"	20" x 9 1/2"	12 1/2"
16"	24" x 12"	13 1/2"
18"	26" x 14"	14"
20"	28" x 16"	16"

FABRICATION DATA

MATERIAL:
HOT DIPPED GALVANIZED STEEL SHEET
PER ASTM-A653 CS TYPE B.

GAUGES:
4" THROUGH 8" = 28 GAUGE
9" THROUGH 14" = 26 GAUGE
16" THROUGH 20" = 24 GAUGE

FEATURES

CONTINUOUS WELD LONGITUDINAL SEAM
FOR NO AIR LEAKAGE AT 2" W.G. STATIC
PRESSURE.

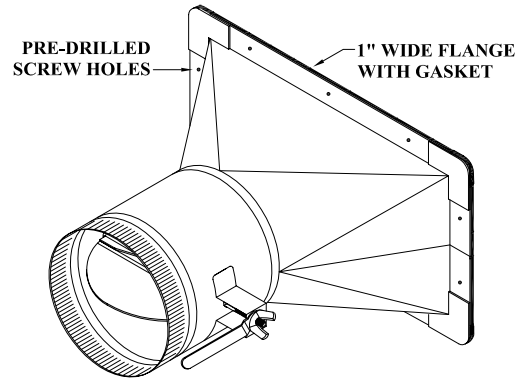
1" WIDE FLANGE WITH GASKET AND
PRE-DRILLED SCREW HOLES FOR EASE OF
INSTALLATION.

5 3/8" LONG COLLAR.

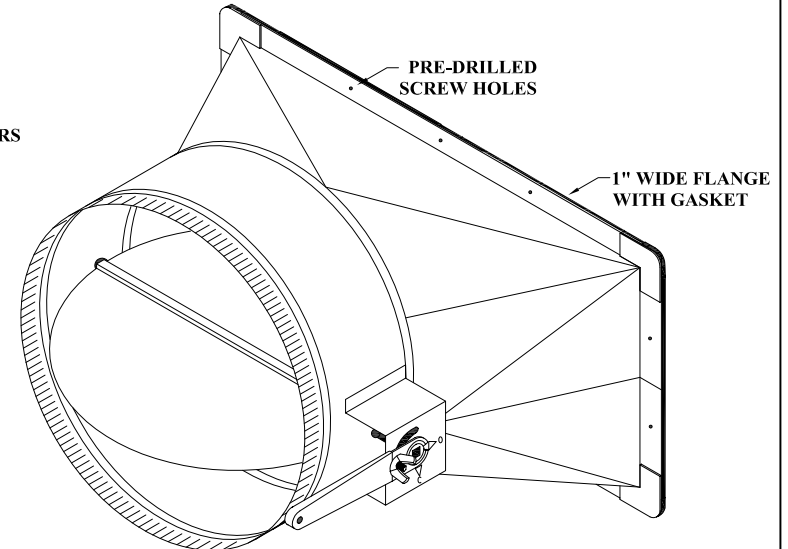
SIZES 4" THROUGH 12": REINFORCED DAMPER
AXIS WITH 1/4" REGULATOR, END BEARING
WITH WASHER AND WING NUT.

SIZES 14" THROUGH 20": 3/8" CONTINUOUS ROD
DAMPER AXIS WITH LOCKING REGUALTOR,
NYLON GROMMETS INSTALLED AT THE
COLLAR PENETRATIONS.

2" DAMPER HANDLE STANDOFF.



CONFIGURATION OF
4" THROUGH 12" DIAMETERS



CONFIGURATION OF
14" THROUGH 20" DIAMETERS

SPECIAL NOTES

RECOMMENDED INSTALLATION: DAMPER AXIS PARALLEL TO AIR FLOW.

MADE TO MEET S.M.A.C.N.A. GAUGE STANDARDS. MAXIMUM 2" W.G. STATIC PRESSUDE SCHEDULE.
(S.M.A.C.N.A. HVAC DUCT CONSTRUCTION STANDARDS, SECOND EDITION-1995)